Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for correcting redeye in a digital image, said image having at least one redeye defect pair, said method comprising the steps of:

measuring a defect pair separation;

adjusting [[the]] a size of said defects of said defect pair responsive to said defect pair separation to provide adjusted defects; and

changing [[the]] a color of said adjusted defects.

2. (Original) The method of Claim 1 wherein said adjusting further comprises reducing the size of at least one of said defects of said defect pair.

3. (Original) The method of Claim 2 wherein said reducing further comprises calculating a size limit using said defect pair separation and trimming pixels beyond said size limit from said defects.

4. (Currently Amended) The method of Claim 1 further comprising the steps of:

detecting [[the]] locations of a pair of seed defects prior to said measuring; and

growing said seed defects into grown defects prior to said adjusting; and wherein said adjusting further comprises reducing the size of said grown defects.

5. (Original) The method of Claim 4 wherein said measuring is prior to said growing.

6. (Original) The method of Claim 4 wherein said seed defects each have a single pixel prior to said growing.

7. (Original) The method of Claim 1 further comprising determining a size limit based on said defect pair separation and wherein said adjusting is responsive to said size limit.

8. (Original) The method of Claim 7 wherein said determining further comprises ascertaining an age classification of each said defect pair.

9. (Original) The method of Claim 8 wherein said determining further comprises ascertaining a head rotation of each said defect pair.

10. (Original) The method of Claim 9 wherein said size limit is based upon said age classification and head rotation of each said defect pair and upon an imaging system blur associated with said image.

11. (Original) The method of Claim 7 wherein said determining further comprises ascertaining a head rotation of each said defect pair.

12. (Original) The method of Claim 7 wherein said size limit is based upon an imaging system blur associated with said image.

13. (Currently Amended) The method of Claim 1 further comprising the steps of:
determining a spatial operator in accordance with said defect pair separation; and
using said spatial operator to blend the image in [[the]] a vicinity of said adjusted defects.

14. – 19. (Cancelled)

20. (Currently Amended) A method for correcting redeye in a digital image, said method comprising the steps of:

   detecting a pair of seed defects in said image;

   growing each of said seed defects to provide a pair of grown defects;

   measuring [[the]] a separation of the members of one of said pair of seed defects and said pair of grown defects to provide a defect pair separation;

   adjusting [[the]] a size of said grown defects responsive to said defect pair separation to provide adjusted defects; and

   changing [[the]] a color of said adjusted defects to reduce apparent redeye.

21. (Original) The method of Claim 20 wherein said adjusting further comprises reducing the size of said grown defects.

22. (Original) The method of Claim 20 wherein said seed defects each have a single pixel.

23. (Currently Amended) The method of Claim [[20]] 21 wherein said reducing further comprises calculating a size limit using said defect pair separation and trimming pixels beyond said size limit from respective said defects.

24. (Currently Amended) The method of Claim 23 wherein said seed defects pixels each have a single pixel and said reducing further comprises trimming pixels of each said grown defect disposed farther than said size limit from a pixel location defined by [[the]] a respective said seed defect.

25. (Original) The method of Claim 23 wherein said seed pixels each have multiple contiguous pixels and said reducing further comprises trimming pixels of each said grown defect disposed farther than said size limit from a centroid defined by the respective said seed defect.

26. (Currently Amended) The method of Claim 20 wherein said growing further comprises:

generating a list of pixels of each said seed defect to provide list pixels;

determining pixels neighboring said list pixels to provide neighboring pixels;

calculating color value ratios of each of said neighboring pixels; and

adding to said list one of said neighboring pixels having the color value ratio most distant from [[said]] a predetermined limit, when one or more of said neighboring pixels has a color value ratio greater than a predetermined limit.

27. (Currently Amended) The method of Claim 20 further comprising determining [[a]] an eye separation correction factor and wherein said adjusting is responsive to said defect pair separation and said separation correction factor.

28. (Original) The method of Claim 27 wherein said determining further comprises ascertaining at least one of an age classification and a head rotation of each said defect pair.

29. – 33. (Cancelled)

34. (Currently Amended) A ~~computer program product for correcting redeye in a digital image, the computer program product comprising~~ computer readable storage medium having a computer program stored thereon for performing a method for correcting redeye in a digital image, said image including defects corresponding to at least one redeye defect pair, the method comprising ~~the steps of~~:

measuring a defect pair separation in response to distance data measured by a distance measurer;

adjusting [[the]] a size of said defects responsive to said defect pair separation to provide adjusted defects utilizing a processing unit ; and

changing [[the]] a color of said adjusted defects with said processing unit.

35. (Currently Amended) A system for correcting redeye in a digital image, said image having at least one redeye defect pair, said system comprising:

a distance measurer <u>means for</u> measuring a defect pair separation;

a defect grower <u>means for</u> receiving said defect pair separation and adjusting [[the]] <u>a</u> size of said defects responsive to said defect pair separation to provide adjusted defects; and

a color modifier <u>means for</u> changing [[the]] <u>a</u> color of said adjusted defects.

36. - 44. (Cancelled)